

SN. 10/090,476

ATTORNEY DOCKET NO. MATS:037

IN THE CLAIMS

The status of the claims as presently amended is as follows:

1. (Currently Amended) A motor comprising:

a stator formed by assembling a plurality of divided stator members having teeth; and
a rotor facing said stator,

wherein each one of the divided stator members is formed by laminating a plurality of
core sheets and bonding at least parts of end faces at an inner rim and at an outer rim of the
divided stator members along a laminating direction of the core sheets with an adhesive, and

wherein the end face comprises the surface of a core sheet that, when the divided stator
members are assembled to form the stator, either faces the rotor or forms an outer surface of
the stator member facing opposite to the rotor,

wherein each of the stator members includes at least one bonding section and a plurality
of non-bonding sections at the outer rim thereof.

2. (Previously Presented) The motor of claim 1, wherein the laminated end faces of each one of
the divided stator members are welded to fix the core sheets with each other at parts of the
teeth except the laminated end faces facing said rotor.

3. (Previously Presented) The motor of claim 1, wherein each one of the divided stator
members is welded to fix the core sheets with each other at back faces of the teeth.

4. (Original) The motor of claim 1, further comprising a welding section for linking the divided
stator members adjacent to each other by welding.

5. (Currently Amended) The motor of claim 4, wherein [[a]]one of the non-bonding sections is
provided near said welding section to block the adhesive from infiltrating around said welding
section.

6. (Currently Amended) The motor of claim 5, wherein each of the non-bonding sections is
coated with water and oil repellent material.

7. (Original) The motor of claim 1, wherein the teeth are wound with conductive windings in a
concentrated manner via insulators.

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8. (Currently Amended) A compressor incorporating a motor, wherein said motor comprising:

- a stator formed by assembling a plurality of divided stator members having teeth; and
- a rotor facing said stator,

wherein each one of the divided stator members is formed by laminating a plurality of core sheets and bonding at least parts of end faces at an inner rim and at an outer rim of the divided stator members along a laminating direction of the core sheets with an adhesive, and

wherein the end face comprises the surface of a core sheet that, when the divided stator members are assembled to form the stator, either faces the rotor or forms an outer surface of the stator member facing opposite to the rotor,

wherein each of the stator members includes at least one bonding section and a plurality of non-bonding sections at the outer rim thereof.

9. (Previously Presented) The compressor of claim 8, wherein the laminated end faces of each one of the divided stator members are welded to fix the core sheets with each other at parts of the teeth except the laminated end faces facing said rotor.

10. (Previously Presented) The compressor of claim 1, wherein each one of the divided stator members is welded to fix the core sheets with each other at back faces of the teeth.

11. (Original) The compressor of claim 8, further comprising a welding section for linking the divided stator members adjacent to each other by welding.

12. (Currently Amended) The compressor of claim 11, wherein one of the non-bonding sections is provided near said welding section to block the adhesive from infiltrating around said welding section.

13. (Currently Amended) The compressor of claim 12, wherein each of the non-bonding sections is coated with water and oil repellent material.

14. (Original) The compressor of claim 8, wherein the teeth are wound with conductive windings in a concentrated manner via insulators.

15. (Currently Amended) A motor comprising:

- a stator having a plurality of stator members; and

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a rotor facing the stator,
wherein each of the stator members comprises a plurality of core sheets laminated and bonded at least at a portion of ~~one of~~ the inner rim and outer rim of each of the stator members with an adhesive,

wherein the inner rim comprises the surface of the stator member facing the stator, and
wherein the outer rim comprises the surface of the stator member facing opposite the inner rim, and

wherein each of the stator members includes at least one bonding section and a plurality of non-bonding sections at the outer rim thereof.

16. (Currently Amended) The motor of claim 15, ~~wherein the inner rim is bonded and the outer rim is welded to fix the core sheets with each other~~further comprising a welding section for linking the divided stator members adjacent to each other by welding.

17. (Currently Amended) The motor of claim [[15]]16, ~~wherein both the inner and outer rims are bonded~~one of the non-bonding sections is provided near said welding section to block the adhesive from infiltrating around said welding section.

18. (Currently Amended) The motor of claim [[15]]17, ~~wherein the stator members are welded together to form the stator~~each of the non-bonding sections is coated with water and oil repellent material.